



## Project Manager Tactical Radio Communications Systems

# Single Channel Ground and Airborne Radio System (SINGGARS)

### MISSION

Provide commanders with a highly reliable, secure, easily maintained Combat Net Radio (CNR) with voice and data handling capability, in support of command and control operations.

To develop, procure and field the SINGGARS radio to tactical field elements, authorized VHF/FM radio equipment for transmission of voice and/or data information, who conduct a myriad of missions across the operational continuum in the post 1990 time frame. Furthermore, this program will equip our units in the active Army, Army National Guard, and Army Reserve with a tactical combat net radio, which will give the field commanders the communication ability to see, hear, and conduct the battle.



SINGGARS VRC-87  
Single Short Range System  
with Loud Speaker



SINGGARS ASIP  
RT-1523-E

### DESCRIPTION & SPECIFICATIONS

The Single Channel Ground and Airborne Radio System (SINGGARS), with the Internet Controller, provides the communications link for the digitized force. SINGGARS configurations include manpack, vehicular (both low and high power), and air-borne models. Communications Security (COMSEC) is integrated in currently produced versions of the ground and airborne radios. The System Improvement Program (SIP) models provide upgrades to enhance operational capability in the tactical internet (TI) environment. The Advanced System Improvement Program (ASIP) models-of a reduced size and weight-provide further enhancements to operational capability in the TI environment.

#### Special Features:

Frequency Hopping

Anti-Jam

Integrated Communications Security

Data Capability

#### ASIP dimensions:

Weight: 8.1 lb

### Milestones (Achieved/Schedule)

- Ground AAO increased to 327,655 Aug 04
- JTRS waiver approved up to 272,09 Sep 04
- Embedded GPS testing Sep 04
- Airborne AAO increased to 12,208 Feb 05
- Field in support of the modular Army Continuing
- Begin fielding SBCT-6 4QFY06

### Prime Contractor

ITT Industries (Fort Wayne, IN)

### PM TRCS Points of Contact



Product Manager  
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